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Examiner Stuart Hendrickson	U.S. Patent and Trademark Office		703-872-9311

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February 23, 2004

**FOR EXAMINER INTERVIEW
ON 2/24/04 at 1:00 P.M.**

Via Facsimile to 703-872-9311

Examiner Stuart Hendrickson
Art Unit 1754
U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Re: U.S. Patent Application No. 10/069,362
Title: High Pressure/High Temperature Production of Colored
Diamonds
Applicants: Anthony et al.

Dear Examiner Henderson:

I enclose a Form PTOL-413A for tomorrow's interview in the above-referenced application. Please note that the only attendees will be me and (possibly) Carissa Tener, who is an associate from my firm.

I look forward to meeting with you.

Sincerely,



James M. Singer

JMS/

Philadelphia	Washington, D.C.	Detroit	New York	Pittsburgh
Berwyn	Harrisburg	Princeton	Wilmington	

Applicant Initiated Interview Request Form

Application No.: 10 / 069,362 First Named Applicant: ANTHONY
 Examiner: HENDRICKSON Art Unit: 1754 Status of Application: FINAL ON PENDING

Tentative Participants:

(1) JAMES SINGER, ATTORNEY (2) CARISSA TENER, ATTORNEY
 (3) _____ (4) _____

Proposed Date of Interview: 2/23/04 Proposed Time: 01:00 (AM/PM) (PM)

Type of Interview Requested:

(1) ☐ Telephonic (2) ☒ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☐ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>112 REJ.</u>	<u>CLAIMS 3, 8, 9, 23-27-29</u>	<u>N/A</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) <u>103 REJ.</u>	<u>CLAIMS 1-31</u>	<u>STRONG/WENTZAF</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) <u>103 REJ.</u>	<u>CLAIMS 1-16, 19-31</u>	<u>CANNON</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) <u>102(b) REJ.</u>	<u>CLAIMS 23-27, 29</u>	<u>MISC.</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

BACKGROUND ON DIAMOND TYPES (ATTACHED); COMPARISON OF INVENTION TO CITED ART

An interview was conducted on the above-identified application on _____.

NOTE:

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

 (Applicant/Applicant's Representative Signature)

 (Examiner/SPE Signature)

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

TYPES OF NATURAL DIAMONDS

	<i>Type Ia</i>		<i>Type Ib</i>	<i>Type IIa</i>	<i>Type IIb</i>
<i>Impurity(ies)</i>	Nitrogen		Nitrogen	No nitrogen or boron	Boron
<i>Centers</i>	A centers (nitrogen pairs), B centers (nitrogen quads), or A/B mixtures,	N3 centers (less stable, rare); optionally in combination with A centers, B centers or A/B centers	C centers (single nitrogen atoms)	N/A	
<i>Color</i>	Brownish or colorless	Brownish, or pale yellow tinge with brown	Brownish or canary yellow	Colorless or pink (usually), sometimes brownish	Blue
<i>Other features</i>	Voidites (vacancies)				
<i>% of natural diamonds</i>	98%		0.8%	0.7%	0.001%
<i>Used as starting point in this application?</i>	Yes		Yes	No	No
<i>Result</i>	Neon greenish-yellow due to increased H3 centers				